

BATCH

## RAW SEQUENCE LISTING

DATE: 09/21/2000

PATENT APPLICATION: US/09/575,061

TIME: 13:41:31

Input Set : A:\PM4097.txt

Output Set: N:\CRF3\09212000\I575061.raw

ENTERED

```

4 <110> APPLICANT: Targan, Stephan R.
5   Braun, Jonathan
6   Sutton, Christopher L.
8 <120> TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
9   Crohn's Disease Using The OmpC Antigen
12 <130> FILE REFERENCE: P-PM 4097
14 <140> CURRENT APPLICATION NUMBER: US 09/575,061
15 <141> CURRENT FILING DATE: 2000-05-19
17 <160> NUMBER OF SEQ ID NOS: 3
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 367
23 <212> TYPE: PRT
24 <213> ORGANISM: E. Coli
26 <400> SEQUENCE: 1
27 Met Lys Ser Lys Val Leu Ala Leu Leu Ile Pro Ala Leu Leu Ala Ala
28   1           5           10           15
29 Gly Ala Ala His Ala Ala Glu Val Tyr Asn Lys Asp Gly Asn Lys Leu
30   20           25           30
31 Asp Leu Tyr Gly Lys Val Asp Gly Leu His Tyr Phe Ser Asp Asn Lys
32   35           40           45
33 Asp Val Asp Gly Asp Gln Thr Tyr Met Arg Leu Gly Phe Lys Gly Glu
34   50           55           60
35 Thr Gln Val Thr Asp Gln Leu Thr Gly Tyr Gly Gln Trp Glu Tyr Gln
36   65           70           75           80
37 Ile Gln Gly Asn Ser Ala Glu Asn Glu Asn Asn Ser Trp Thr Arg Val
38   85           90           95
39 Ala Phe Ala Gly Leu Lys Phe Gln Asp Val Gly Ser Phe Asp Tyr Gly
40   100          105          110
41 Arg Asn Tyr Gly Val Val Tyr Asp Val Thr Ser Trp Thr Asp Val Leu
42   115          120          125
43 Pro Glu Phe Gly Gly Asp Thr Tyr Gly Ser Asp Asn Phe Met Gln Gln
44   130          135          140
45 Arg Gly Asn Phe Gly Ala Thr Tyr Arg Asn Thr Asp Phe Phe Gly Leu
46   145          150          155          160
47 Val Asp Gly Leu Asn Phe Ala Val Gln Tyr Gln Gly Lys Asn Gly Asn
48   165          170          175
49 Pro Ser Gly Glu Gly Phe Thr Ser Gly Val Thr Asn Asn Gly Arg Asp
50   180          185          190
51 Ala Leu Arg Gln Asn Gly Asp Gly Val Gly Gly Ser Ile Thr Tyr Asp
52   195          200          205
53 Tyr Glu Gly Phe Gly Ile Gly Gly Ala Ile Ser Ser Ser Lys Arg Thr
54   210          215          220
55 Asp Ala Gln Asn Thr Ala Ala Tyr Ile Gly Asn Gly Asp Arg Ala Glu
56   225          230          235          240
57 Thr Tyr Thr Gly Gly Leu Lys Tyr Asp Ala Asn Asn Ile Tyr Leu Ala
58   245          250          255

```

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```

59 Ala Gln Tyr Thr Gln Thr Tyr Asn Ala Thr Arg Val Gly Ser Leu Gly
60      260      265      270
61 Trp Ala Asn Lys Ala Gln Asn Phe Glu Ala Val Ala Gln Tyr Gln Phe
62      275      280      285
63 Asp Phe Gly Leu Arg Pro Ser Leu Ala Tyr Leu Gln Ser Lys Gly Lys
64      290      295      300
65 Asn Leu Gly Arg Gly Tyr Asp Asp Glu Asp Ile Leu Lys Tyr Val Asp
66      305      310      315      320
67 Val Gly Ala Thr Tyr Tyr Phe Asn Lys Asn Met Ser Thr Tyr Val Asp
68      325      330      335
69 Tyr Lys Ile Asn Leu Leu Asp Asp Asn Gln Phe Thr Arg Asp Ala Gly
70      340      345      350
71 Ile Asn Thr Asp Asn Ile Val Ala Leu Gly Leu Val Tyr Gln Phe
72      355      360      365
74 <210> SEQ ID NO: 2
75 <211> LENGTH: 302
76 <212> TYPE: DNA
77 <213> ORGANISM: Unknown
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Microbial organism from the human gut
82 <221> NAME/KEY: CDS
83 <222> LOCATION: (2)...(302)
85 <400> SEQUENCE: 2
86 a gat ctg gcc agc gcc gtg ggc atc cag tcc gcc agc atc ttt cat cac      49
87  Asp Leu Ala Ser Ala Val Gly Ile Gln Ser Gly Ser Ile Phe His His
88      1      5      10      15
90 ttc aag agc aag gat gag ata ttg cgt gcc gtg atg gag gaa acc atc      97
91 Phe Lys Ser Lys Asp Glu Ile Leu Arg Ala Val Met Glu Glu Thr Ile
92      20      25      30
94 cat tac aac acc gcg atg atg cgc gct tca ctg gag gag gcg agc acg      145
95 His Tyr Asn Thr Ala Met Met Arg Ala Ser Leu Glu Glu Ala Ser Thr
96      35      40      45
98 gtg cgc gaa cgc gtg ctg gcg ctg atc cgc tgc gag ttg cag tcg atc      193
99 Val Arg Glu Arg Val Leu Ala Leu Ile Arg Cys Glu Leu Gln Ser Ile
100      50      55      60
102 atg ggc ggc agt ggc gag gcc atg gcg gtg ctg gtc tac gaa tgg cgc      241
103 Met Gly Gly Ser Gly Glu Ala Met Ala Val Leu Val Tyr Glu Trp Arg
104      65      70      75      80
106 tcg ctg tcg gcc gaa ggc cag gcg cac gtg ctg gcc ctg cgt gac gtg      289
107 Ser Leu Ser Ala Glu Gly Gln Ala His Val Leu Ala Leu Arg Asp Val
108      85      90      95
110 tat gag cag atc t      302
W--> 111 Tyr Glu Gln Ile
112      100
115 <210> SEQ ID NO: 3
116 <211> LENGTH: 100
117 <212> TYPE: PRT
118 <213> ORGANISM: Unknown
120 <220> FEATURE:

```

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121 <223> OTHER INFORMATION: Microbial organism from the human gut  
 123 <400> SEQUENCE: 3  
 124 Asp Leu Ala Ser Ala Val Gly Ile Gln Ser Gly Ser Ile Phe His His  
 125 1 5 10 15  
 126 Phe Lys Ser Lys Asp Glu Ile Leu Arg Ala Val Met Glu Glu Thr Ile  
 127 20 25 30  
 128 His Tyr Asn Thr Ala Met Met Arg Ala Ser Leu Glu Glu Ala Ser Thr  
 129 35 40 45  
 130 Val Arg Glu Arg Val Leu Ala Leu Ile Arg Cys Glu Leu Gln Ser Ile  
 131 50 55 60  
 132 Met Gly Gly Ser Gly Glu Ala Met Ala Val Leu Val Tyr Glu Trp Arg  
 133 65 70 75 80  
 134 Ser Leu Ser Ala Glu Gly Gln Ala His Val Leu Ala Leu Arg Asp Val  
 135 85 90 95  
 136 Tyr Glu Gln Ile  
 137 100

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/575,061  
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Input Set : A:\PM4097.txt  
Output Set: N:\CRF3\09212000\I575061.raw

L:111 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 2